



<p>Substitute for Form 1449A/PTO-8 U.S. Patent and Trademark Office</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p>		<i>Complete If Known</i>	
		Application Number	10/645,821
		Filing Date	August 20, 2003
		First Named Inventor	Graham, Jamey
		Art Unit	2173
		Examiner Name	Cabeca, J. W.
Sheet	1	of	2
		Attorney Docket Number	

U.S. PATENT DOCUMENTS+

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
HV	AA	US-6,760,541	07-06-2004	Ohba	
	AB	US-6,636,869	10-21-2003	Reber et al.	
	AC	US-6,608,563	08-19-2003	Weston et al.	
	AD	US-6,061,758	05-09-2000	Reber et al.	
	AE	US-5,745,756	04-28-1998	Henley	
	AF	US-5,382,776	01-17-1995	Arii et al.	
	AG	US-5,250,787	10-15-1993	Arii et al.	
	AH	US-4,481,412	11-06-1984	Fields	
	AI	US-2004/0247298	12-09-2004	Ohba	
	AJ	US-2004/0100506	05-27-2004	Shiota et al.	
	AK	US-2004/0064339	04-01-2004	Shiota et al.	
	AL	US-2004/0064338	04-01-2004	Shiota et al.	
	AM	US-2004/0037540	02-26-2004	Frohlich et al.	
	AN	US-2004/0015524	01-22-2004	Chalstrom et al.	
	AO	US-2004/0008209	01-15-2004	Adams et al.	
	AP	US-2004/0006577	01-08-2004	Rix	
	AQ	US-2003/0156589	08-21-2003	Suetsgu	
	AR	US-2003/0065665	04-03-2003	Kinjo	
	AS	US-2003/0052897	03-20-2003	Lin	
V	AT	US-2002/0116575	08-22-2002	Toyomura et al.	
	AU	US-2002/0099452	07-25-2002	Kawai	
	AV	US-2002/0070982	06-13-2002	Hill et al.	
	AW	US-2002/0036800	03-28-2002	Nozaki	

FOREIGN PATENT DOCUMENTS

Examiner Signature	/Henry Vuu/	Date Considered	03/05/2007
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¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ²Applicant's unique citation designation number (optional). ²Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 801.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ³For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ³Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.
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Substitute for form 1449B/PTO				<i>Complete If Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				<i>Application Number</i>	10/645,821
				<i>Filing Date</i>	August 20, 2003
				<i>First Named Inventor</i>	Graham, Jamey
				<i>Art Unit</i>	2173
				<i>Examiner Name</i>	Cabeca, J. W.
(use as many sheets as necessary)				<i>Attorney Docket Number</i>	
Sheet	2	of	2	015358-006520US	

Examiner Signature	/Henry Vuu/	Date Considered	02/27/2007
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Applicant's unique citation designation number (optional).² **Applicant is to place a check mark here if English language Translation is attached.**

PTO/SB/08A&B (07-05)

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				Application Number	10/645,621
				Filing Date	August 20, 2003
				First Named Inventor	Graham
				Art Unit	2173
				Examiner Name	Cabeza, J. W.
Sheet	1	of	3	Attorney Docket Number	015358-006520US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number and Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Column, Lines, Where Relevant Passages or Relevant Figures Appear
HV	AA	US-6,993,573	01-31-2006	Hunter	
	AB	US-6,865,714	03-08-2005	Liu et al.	
	AC	US-6,865,608	03-08-2005	Hunter	
	AD	US-6,781,609	09-24-2004	Barker et al.	
	AE	US-6,766,363	07-20-2004	Rothschild	
	AF	US-6,745,234	06-01-2004	Philyaw et al.	
	AG	US-6,675,165	01-06-2004	Rothschild	
	AH	US-6,651,033	11-18-2003	Rothschild	
	AI	US-6,647,535	11-11-2003	Bozdagi et al.	
	AJ	US-6,567,980	05-20-2003	Jain et al.	
	AK	US-6,542,933	04-01-2003	Durst, Jr. et al.	
	AL	US-6,518,986	02-11-2003	Mugura	
	AM	US-6,505,153	01-07-2003	Van Thong et al.	
	AN	US-6,434,561	08-13-2002	Durst, Jr. et al.	
	AO	US-6,430,554	08-06-2002	Rothschild	
	AP	US-6,421,067	07-16-2002	Karmen et al.	
	AQ	US-6,211,869	04-03-2001	Loveman et al.	
	AR	US-6,199,048	03-06-2001	Hudetz et al.	
	AS	US-6,160,633	12-12-2000	Mori	
	AT	US-6,151,059	11-21-2000	Schein et al.	
	AU	US-6,108,656	08-22-2000	Durst et al.	
	AV	US-6,005,362	12-21-1999	Shiga et al.	
	AW	US-5,978,773	11-02-1999	Hudetz et al.	
	AX	US-5,933,829	08-03-1999	Durst et al.	
	AY	US-5,898,709	04-27-1999	Inada et al.	
	AZ	US-5,898,166	04-27-1999	Fukuda et al.	
	BA	US-5,895,476	04-20-1999	Orr et al.	
	BB	US-5,809,318	09-15-1998	Rivette et al.	
	BC	US-5,675,752	10-07-1997	Scott et al.	
	BD	US-5,600,775	02-04-1997	King et al.	
	BE	US-5,485,554	01-16-1996	Lowitz et al.	
	BF	US-5,467,288	11-14-1995	Facciano et al.	
	BC	US-2004/0071441 A1	04-15-2004	Forrester et al.	
	BH	US-2002/0199149 A1	12-26-2002	Nagasaki et al.	
Examiner Signature	/Henry Vuu/			Date Considered	02/27/2007

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PTO/SB/088A&B (07-05)

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<p>Sheet</p>		<p>2</p>	<p>of</p>	<p>3</p>	<p>Application Number</p>	<p>10/645,821</p>
					<p>Filing Date</p>	<p>August 20, 2003</p>
					<p>First Named Inventor</p>	<p>Graham</p>
					<p>Art Unit</p>	<p>2173</p>
					<p>Examiner Name</p>	<p>Cabeca, J. W.</p>
					<p>Attorney Docket Number</p>	<p>015358-006520US</p>

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.*	Document Number Number Kind Code [†] (if used)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Paragraphs or Relevant Figures Appear
HV	BI	US-2002/0135808	09-26-2002	Party	
	BJ	US-2002/0093460 A1	07-18-2002	Benson	
	BK	US-2002/0059342	05-16-2002	Gupta et al.	
	BL	US-2001/0013041	08-09-2001	Beck et al.	
↓	BM	US-2001/0005203	06-28-2001	Wierink	
	BN	US-2001/0044810 A1	11-22-2001	Timmons	

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
HV	BQ	"About Telus Investors glossary," pages 1-7 downloaded from http://about.telus.com/investors/glossary.html on 4/14/05.		<input type="checkbox"/>
HV	BP	CHOI et al., "An Integrated Data Model and a Query Language for Content-Based Retrieval of Video," MIS '98 (LNCS 1508, Springer Verlag Berlin Heidelberg, pages 192-198 (1998).		<input type="checkbox"/>
HV	BQ	"Computer Terms," pages 1-8 downloaded from http://www.park-meadow.org/computer_terms.htm on 4/14/05.		<input type="checkbox"/>

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PTO/SB/08A&B (07-05)

Substitute for form 1449ASB/PTO				Complete If Known	
				<i>Application Number</i>	10/645,821
				<i>Filing Date</i>	August 20, 2003
				<i>First Named Inventor</i>	Graham
				<i>Art Unit</i>	2173
				<i>Examiner Name</i>	Cabeca, J. W.
Sheet	3	of	3	<i>Attorney Docket Number</i>	015358-006520US

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
HV	BR	"Glossary for computer hardware and micro scopes," pages 1-11 downloaded from http://www.mumbaicyber.com/glossary_com_hwre_micro.asp on 4/14/05.			<input type="checkbox"/>
HV	BS	"Glossary: What Does It Mean?," pages 1-3 downloaded from http://www.birfield.k12.ct.us/birfieldhs/cbirfieldhs03/glossary.htm on 4/14/05.			<input type="checkbox"/>
HV	BT	"IT&T Talk", pages 1-4 downloaded from http://www.lib.qld.gov.au/itcareers/talk.asp on 4/14/05.			<input type="checkbox"/>
HV	BU	"Multimedia" pages 1-2 downloaded from http://en.wikipedia.org/wiki/Multimedia on 4/14/05.			<input type="checkbox"/>
HV	BV	OHMORI Y., "A Tool for Programmable Access to Organized Multimedia Data - Enhanced MultiMedia Recorder (EMMR)," <i>Icho Shori Gakkaikanryoku</i> , 98(35[HI-78]):39-44 (1998).			<input type="checkbox"/>
HV	BW	PHILLIPS, R. L., "MediaView: A General Multimedia Digital Publication System," <i>Communications of the ACM</i> , 34(7):75-83 (1991).			<input type="checkbox"/>
HV	BX	ROSCHELLE et al., "VideoNotes: A productivity tool for video data analysis," <i>Behavior Research Methods, Instruments & Computers</i> , 23(2):219-224 (1991).			<input type="checkbox"/>
HV	BY	SAUR et al., "Automated Analysis and Annotation of Basketball Video," <i>SPIE</i> , 3022:176-187 (1997).			<input type="checkbox"/>
HV	BZ	Web pages from PaperClick.com printed from http://www.paperclip.com on 6/14/06.			

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60079214



PTO/SB/08A (08-03)

Substitute for form 1449A/PTO				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/645,821
				Filing Date	August 20, 2003
				First Named Inventor	Graham, Jamey
				Art Unit	2855
				Examiner Name	Unassigned
Sheet	1	of	3	Attorney Docket Number 015358-006520US	

U.S. PATENT DOCUMENTS+

		Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Examiner Initials*	Cite No. ¹	Number Kind Code ² (if known)			
HV	AA	US-6,684,368	01-27-2004	Hull et al.	
	AB	US-6,623,528	09-23-2003	Squilla et al.	
	AC	US-6,596,031	07-22-2003	Parks	
	AD	US-6,546,385	04-08-2003	Mao et al.	
	AE	US-6,369,811	04-09-2002	Graham et al.	
	AF	US-6,262,724	07-17-2001	Crow et al.	
	AG	US-6,125,229	09-26-2000	Dimitrova et al.	
	AH	US-6,098,082	08-01-2000	Gibbon et al.	
	AJ	US-6,094,648	07-25-2000	Aalbersberg	
	AJ	US-5,999,173	12-07-1999	Ubillos	
	AK	US-5,986,692	11-16-1999	Logan et al.	
	AL	US-5,933,841	08-03-1999	Schumacher et al.	
	AM	US-5,894,333	04-13-1999	Kanda et al.	
	AN	US-5,892,536	04-06-1999	Logan et al.	
	AO	US-5,790,114	08-04-1998	Geaghan et al.	
	AP	US-5,758,037	05-26-1998	Schroeder	
	AQ	US-5,751,283	05-12-1998	Smith	
	AR	US-5,721,897	02-24-1998	Rubinstein	
	AS	US-5,706,097	01-06-1998	Schelling et al.	
	AT	US-5,258,880	11-02-1993	Takahashi	
	AU	re 36,801	08-01-2000	Logan et al.	
AV	AV	US-2004/0181815	09-16-2004	Hull et al.	
	AW	US-2004/0181747	09-16-2004	Hull et al.	
	AX	US-2002/0047870	04-25-2002	Carro	

FOREIGN PATENT DOCUMENTS

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				Filing Date	August 20, 2003
				First Named Inventor	Graham, Jamey
				Art Unit	2855
				Examiner Name	Unassigned
				Attorney Docket Number	015358-006520US

NON PATENT LITERATURE DOCUMENTS					
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HV	BC	"c:\...\9149920c.wpd - unmodified" Screen Shots of document created in Corel WordPerfect, 4 pages, (April 30, 2002)			T ²
	BD	"Flexible JAMM Screenshots," downloaded from internet site http://simon.cs.ct.edu/~jamm 5/4/00 .			
	BE	BEGOLE et al., "Flexible Collaboration Transparency," doc. ID: ncstrl.vatech_cs/TR-98-11, Virginia Polytechnic Institute and State University (1998).			
	BF	BEGOLE et al., "Supporting Worker Independence in Collaboration Transparency," doc. ID: ncstrl.vatech_cs/TR-98-12, Virginia Polytechnic Institute and State University (1998).			
	BG	BYRD, D., "A Scrollbar-based Visualization for Document Navigation," doc. ID: xxx.cs.IR/9902028, Computing Research Repository: Information Retrieval (1999).			
	BH	DRUCKER et al. "SmartSkip: Consumer Level Browsing and Skipping of Digital Video Content," Paper: Technology to Help People Find Information, Vol. No. 4, Issue No. 1, pp. 219-226, Minneapolis, Minnesota, USA, (April 20-25, 2002)			
	BI	"Fujitsu Markets Facsimile Connection System for Computer I/O," Comline Telecommunications , November 1989, page 5.			
	BJ	GRUNIN, L., "Action," PC Magazine , 12(15):240 (1993).			
	BK	"Hang on--Blue Sky's WinHelp is on the way," PC Week , page 59, July 1995.			
	BL	IBM Technical Disclosure Bulletin, "Quick Selection of Window Environment Coordinates," 35:57-60, ISS # 4B, (1992).			
	BM	"IBM, Partners Team On Web-Based Image Search, Printing 9/29/95," Newsbytes News Network, September 1995.			
	BN	IDENTITECH, "Identitech announces FYI 2.5.2 release with NT object server, SmartForm, and ODBC," Business Editors, July 1996.			
	BO	"IDENTITECH UNYSIS: Unysis wins Florida Housing Finance Agency Contract; Identitech provides workflow software solution," Business Editors/Computer Writers, June 1995.			
	BP	LAM et al. "Automatic document classification based on probabilistic reasoning: model and performance analysis," IEEE , 3:2719-2723 (1997).			
	BQ	LISON et al., "Sight and Sound," Unix Review , 7(10):76-86 (1989).			
▼	BR	OKADA et al., "Development of Application Programs for Distributed Processing Equipment," Review of the Electrical Communication Laboratories , 34(4):465-471 (1986).			

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				<i>Application Number</i>	10/645,821
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				<i>Examiner Name</i>	Unassigned
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HV	BS	SODERGARD et al., "Integrated multimedia publishing - combining TV and newspaper content on personal channels," downloaded from http://www8.org/w8-papers/1b-multimedia/integrated/integrated.html on 4/4/02, pages 1-22.		
	BT	"SPRY INC.'S INTERNET FRONT END PICKED FOR PSI CABLE INTERNET SERVICE," <u>Information & Interactive Services Report</u> , 15(7), (1994).		
	BU	STRATTNER, A., "HP pioneers I-TV peripheral market," <u>Computer Shopper</u> , 14(2):71 (1994).		
	BV	VAN HORN-CHRISTOPHER, "Have you talked to your computer today?," <u>Business Forum</u> , 19(3):10-11 (1994).		
	BW	"VNR firm offers Storyboards" PR News, 12/4/95, downloaded from http://proquest.umi.com/pqdl?index=20&did=000000010830394&SrchMode=3&sid=1&F on 8/9/04.		
V	BX	"WC3 issues first public draft of Synchronized Multimedia Integration Language (SMIL)," <u>Information Today</u> , 15(2):27 (1998) downloaded on 5/28/04.		

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(use as many sheets as necessary)

Sheet

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of

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Examiner Name	Unassigned		
Attorney Docket Number	015358-006520US		

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HV	AA	6,182,090	01-30-2001	Pearis	
	AB	6,101,503	08-08-2000	Cooper et al.	
	AC	6,055,542	04-25-2000	Nielsen et al.	
	AD	6,028,601	02-22-2000	Machiraju et al.	
	AE	6,026,409	02-15-2000	Blumenthal	
	AF	6,021,403	02-01-2000	Horvitz et al.	
	AG	6,006,218	12-21-1999	Breese et al.	
	AH	5,987,454	11-16-1999	Hobbs	
	AI	5,950,187	09-07-1999	Tsuda	
	AJ	5,946,678	08-31-1999	Aalbersberg	
	AK	5,943,679	08-24-1999	Niles et al.	
	AL	5,873,107	02-16-1999	Borovoy et al.	
	AM	5,870,770	02-09-1999	Wolfe	
	AN	5,860,074	01-12-1999	Rowe et al.	
	AO	5,857,185	01-05-1999	Yamamura	
	AP	5,838,317	11-17-1998	Bolnick et al.	
	AQ	5,832,474	11-03-1998	Lopresti et al.	
	AR	5,819,301	10-06-1998	Rowe et al.	
	AS	5,784,616	07-21-1998	Horvitz	
	AT	5,781,785	07-14-1998	Rowe et al.	
	AU	5,778,397	07-07-1998	Kupiec et al.	
	AV	5,761,655	06-02-1998	Hoffman	
	AW	5,748,805	05-05-1998	Withgott et al.	
	AX	5,737,599	04-07-1998	Rowe et al.	
	AY	5,694,559	12-02-1997	Hobsen et al.	
	AZ	5,680,636	10-21-1997	Levine et al.	
	BA	5,638,543	06-10-1997	Pedersen et al.	
	BB	5,596,700	01-21-1997	Darnell et al.	
	BC	5,481,666	01-02-1996	Nguyen et al.	
	BD	5,479,600	12-26-1995	Wrblewski et al.	
	BE	5,442,795	08-15-1995	Levine et al.	
	BF	5,418,948	05-23-1995	Turtle	
	BG	5,404,295	04-04-1995	Katz et al.	
	BH	5,384,703	01-24-1995	Withgott et al.	
	BI	5,349,658	09-20-1994	O'Rourke et al.	
	BJ	5,309,359	05-03-1994	Katz et al.	
	BK	5,153,831	10-06-1992	Yianilos	
V	BL	4,823,303	04-18-1989	Terasawa	
	BM	4,417,239	11-22-1983	Demke et al.	

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Substitute for form 1449A/PTO				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/645,821
				Filing Date	August 20, 2003
				First Named Inventor	Graham, Jamey
				Art Unit	2855
				Examiner Name	Unassigned
Sheet	2	of	8	Attorney Docket Number	
015358-006520US					

FOREIGN PATENT DOCUMENTS

Examiner Signature	/Henry Vuu/	Date Considered	02/27/2007
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete If Known	
Sheet	3	of	8	Application Number	10/645,821
				Filing Date	August 20, 2003
				First Named Inventor	Graham, Jamey
				Art Unit	2855
				Examiner Name	Unassigned
				Attorney Docket Number	015358-006520US

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
HV	BX	Acrobat Reader Version 2.0 (software application), Adobe Systems Incorporated, screenshots Figures 1-10 (1994).			
	BY	Adobe Premiere (video editing software) from Http://www.adobe.com (2002).			
	BZ	Adobe Acrobat Reader 3.0 screen dumps (fig. 1-3), (1996).			
	CA	Adobe Systems, Inc., "Adobe Photoshop 4.0 User Guide for Macintosh and Windows," pp. 30-31 (1996).			
	CB	Apple Macintosh system 7 reference manual, pages 30-31 (1991).			
	CC	BALL et al. "Software Visualization in the Large", IEEE Computer, 29: 33-43 (1996).			
	CD	BOBICK et al. "A State Based Approach to the Representation and Recognition of Gesture," IEEE Trans. on Pattern Analysis and Machine Intelligence, pp. 1325-1337 (1997).			
	CE	BOGURAEV et al. "Salience-Based Content Characterisation of Text Documents," Proceedings of the ACL/EACL Workshop on Intelligent [Sic] Scalable Text Summarization , 1997. Topic identification, Discourse-based summarization, pp. 1-12 (1997).			
	CF	BORECKY, J. et al. "An Interactive Comic Book Presentation for Exploring Video," Conference on Human factors in Computing Systems (CHI 2000), ACM Press, pp. 185-192, 2000.			
	CG	BOYKIN et al, "Improving Broadcast News Segmentation Processing," IEEE Multimedia '99 (1999).			
	CH	BOYKIN et al. "Machine learning of Event Segmentation for News on Demand," Communications of the ACM, 43:35-41(2000).			
	CI	BRANDOW et al. "Automatic Condensation of Electronic Publications by Sentence Selection," Information Processing and Management , 31(5):675-685 (1995).			
	CJ	BROWN et al. "Automatic Content-Based Retrieval of Broadcast News," ACM Multimedia 5, San Francisco, CA (1995).			
	CK	CAJ et al. "Integrated Multimedia Publishing – Combining TV and Newspaper Content on Personal Channels," WWW8 Conference, 1999.			
	CL	CHEN et al. "Emotion Recognition from Audiovisual Information," Proc. IEEE Workshop on Multimedia Signal Processing, Los Angeles, CA, USA, pp. 83-88 (1998).			
▼	CM	CHEN et al. "ViBE: A Video Indexing and Browsing Environment," Proceedings of the SPIE Conference on Multimedia Storage and Archiving Systems September 20-22, 1999, Boston 3846:148-164 (1999).			

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/645,821
				Filing Date	August 20, 2003
				First Named Inventor	Graham, Jamey
				Art Unit	2655
				Examiner Name	Unassigned
Sheet	4	of	8	Attorney Docket Number	015358-006520US

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
HV	CN	CHIU et al. "NoteLook: Taking Notes in Meetings with Digital Video and Ink," ACM Multimedia 99 Orlando, (1999).		
	CO	CHIU et al. "Automatically linking multimedia meeting documents by image matching," Proceedings of Hypertext '00. ACM, New York, pp. 244-245 (2000).		
	CP	CHRISTEL et al. "Evolving Video Skims into Useful Multimedia Abstractions," Proceedings of the CHI '98 Conference on Human Factors in Computing Systems (Los Angeles, CA, April 1998), pp. 171 -178 (1998).		
	CQ	CHRISTEL et al. "Information Visualization within a Digital Video Library," Journal of Intelligent Information Systems 11:235-257 (1998).		
	CR	DELLAERT et al. "Recognizing emotion in speech," Proceedings ICSLP 96. Fourth International Conference on Spoken Language Processing New York (Cat. No. 96TH8206). IEEE. Vol:1970-1973 (1996).		
	CS	DIMITROVA et al. "Video Keyframe Extraction and Filtering: A Keyframe is not a Keyframe to Everyone," CIKM 1997:113-120 (1997).		
	CT	DOERMANN et al. "Applying Algebraic and differential invariants for logo recognition," Machine Vision and Applications 9:73-86 (1996).		
	CU	DONATO et al. "Classifying Facial Actions", IEEE Trans. on Pattern Analysis and Machine Intelligence, 21:974-989 (1999).		
	CV	ESSA et al. "Coding Analysis Interpretation and Recognition of Facial Expressions, IEEE Trans. on Pattern Analysis and Machine Intelligence, 19:757-763 (1997).		
	CW	Face recognition techniques described at web site http://www.visionics.com (2002).		
	CX	FOOTE, Jonathan, et al. "An Intelligent Media Browser using Automatic Multimodal Analysis," ACM Multimedia 8, Bristol, UK (1998).		
	CY	FURUI et al. "Japanese Broadcast News Transcription and Information Extraction," Communications of the ACM, 43(2):71-73, Feb 2000.		
	CZ	GAUVAIN et al. "Transcribing Broadcast News for Audio and Video Indexing," Communications of the ACM, 43:64-70 (2000).		
	DA	GIBBON "Generating Hypermedia Documents from Transcriptions of Television Programs Using Parallel Text Alignment," <u>Handbook of Internet and Multimedia Systems and Applications</u> , David C. Gibbon; CRC Press, (1998).		
	DB	GLIEDMAN "Virtual Office Managers," Computer Shopper, 18:290 (1998);		
↓	DC	GORDON "Using annotated video as an information retrieval interface," ACM Proceedings of the 5th International Conference on Intelligent User Interfaces New Orleans pp. 133 - 140 (2000)		

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Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/645,821
Sheet	5	of	8	Filing Date	August 20, 2003
				First Named Inventor	Graham, Jamey
				Art Unit	2855
				Examiner Name	Unassigned
				Attorney Docket Number	015358-006520US

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HV	DD	GREENBERG et al., "Sharing fisheye views in relaxed-WYSIWIS groupware applications," <i>Proceedings of Graphics Interface</i> , Toronto, Canada, May 22-24, 1995, Distributed by Morgan-Kaufmann, Pp. 28-38, http://www.cpsc.ucalgary.ca/grouplab/papers/1996/96-Fisheye.GI/gi96_fisheye.html .			T ²
	DE	HAUPTMANN et al. "Text, speech and vision for video segmentation: the informedia project." Proc. AAAI Fall Symp. Computational Models for Integrating Language and Vision, Boston, MA, Nov. 10-12, 1995.			
	DF	HAUPTMANN et al. "Story Segmentation and Detection of Commercials in Broadcast News Video," <i>Advances in Digital Libraries Conference</i> , Santa Barbara, CA, April 22-23 1998.			
	DG	HE et al. "Comparing Presentation Summaries: Slides vs. Reading vs. Listening," Conference on Human factors in Computing Systems (CHI 2000), April 1-6, 2000.			
	DH	HEARST et al. "TileBars: Visualization of Term Distribution Information in Full Text Information Access," <i>Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems (CHI)</i> , Denver, CO., May 1995, Pp. 1-8, http://www.acm.org/sigchi/ch95/Electronic/documents/papers/mah_bdy.htm .			
	DI	HECHT "Embedded data glyph Technology for Hardcopy Digital Documents," Proc. SPIE 2171:341-352 (1994).			
	DJ	HECHT "Printed Embedded Data Graphical User Interfaces," IEEE Computer, March 2001.			
	DK	HILL et al. "Edit Wear and Read Wear", ACM, pp. 3-9 (May 3-7, 1992).			
	DL	HU et al. "Multimedia Description Framework (MDF) for content descriptions of Audio/Video Documents," Fourth ACM Conference on Digital Libraries (DL '99) August 11-14, 1999.			
	DM	IOFFE et al. "Finding people by sampling," Proc. International Conference on Computer Vision, pp. 1092-1097 (1999).			
	DN	JIN et al. "Topic Tracking for Radio, TV Broadcast, and Newswire," Proceedings of the DARPA Broadcast News Workshop, Feb. 28-Mar 3, 1999, Herndon, VA.			
	DO	KOMLODI et al. "Key Frame Preview Techniques for Video Browsing," (Proceedings of the 3rd ACM International Conference on Digital Libraries, June 23-26, 1998, Pittsburgh, pp. 118-125 (1998).			
	DP	LANGLEY "An Analysis of Bayesian Classifiers," Proceedings of the Tenth National Conference on Artificial Intelligence, pp. 223-228, 1992.			
	DQ	LANGLEY "Induction of Selective Bayesian Classifiers," Proceedings of the Tenth National Conference on Uncertainty in Artificial Intelligence, pp. 400-406, (1994).			
	DR	LI et al. "Automatic Text Detection and Tracking in Digital Video," IEEE Transactions on Image Processing – Special Issue on Image and Video Processing for Digital Libraries, 9:147-156 (2000).			
↓	DS	LI et al. "Text Extraction and Recognition in Digital Video," Proceedings of Third IAPR Workshop on Document Analysis Systems, pp. 119-128, 1998.			

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete If Known	
Sheet	6	of	8	Application Number	10/645,821
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				Art Unit	2855
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HV	DT	LI et al. "VISION: a digital video library," Proceedings of the 1st ACM International Conference on Digital Libraries, pp. 19-27, 1996.			
	DU	LIANG et al. "Practical video indexing and retrieval system," SPIE, 3240:294-303 (1988).			
	DV	LIENHART et al. "On the Detection and Recognition of Television Commercials," Proc. IEEE Conf. on Multimedia Computing and Systems, Ottawa, Canada, pp. 509-516, June 1997.			
	DW	MA et al. "An Indexing and Browsing System For Home Video," Invited paper, EUSIPCO '2000, 10th European Signal Processing Conference, 5-8, Sept. 2000, Tampere, Finland.			
	DX	MANBER "The Use of Customized Emphasis in Text Visualization," Proceedings of 1997 IEEE Conf. on Information Visualization, pages 132-138, (1997).			
	DY	MAYBURY "News on Demand," Communications of the ACM, 43:33-34 (2000).			
	DZ	MAYBURY et al. "Segmentation, Content Extraction and Visualization of Broadcast News Video Using Multistream Analysis," AAAI Paper (1997).			
	EA	MAYBURY et al. "Multimedia Summaries of Broadcast News," International Conference on Intelligent Information Systems pp. 447-449 (1997).			
	EB	MAYBURY et al. "Multimedia Summaries of Broadcast News," International Conference on Intelligent Information Systems, December 8-10, 1997.			
	EC	MERALDO et al. "Automatic Construction of Personalized TV News Programs," Seventh ACM International Multimedia Conference, Orlando November 1999.			
	ED	MERLINO et al. "Broadcast News Navigation using Story Segmentation," Advanced Information Systems Center, The MITRE Corporation (1997).			
	EE	MERLINO et al. "Broadcast News Processing Techniques," MITRE Technical Report, MTR 99B0000031, April 1999.			
	EF	MOHAN "Text-based search of TV news stories," Proc. SPIE 2916:2-13 (1996).			
	EG	MYERS et al. "Multi-View Intelligent Editor for Digital Video Libraries," First ACM and IEEE Joint Conference on Digital Libraries, June 24-28, 2001, Roanoke, VA, pp. 106-115.			
	EH	OH et al. "Efficient and Cost-effective Techniques for Browsing and Indexing Large Video Databases," SIGMOD Conference 2000: 415-426			
↓	EI	PHOTINA et al. "Improving acoustic models with captioned multimedia speech," Proceedings IEEE International Conference on Multimedia Computing and Systems, 2:767-71 (1999).			

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Sheet	7	of	8	Attorney Docket Number	015358-006520US

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HV	EJ	ROWLEY et al. "Neural network-based face detection," IEEE Transactions on Pattern Analysis and Machine Intelligence," 20:23-38 (1998).			
	EK	SCHWEIGHOFER et al. "The Automatic Generation of Hypertext Links in Legal Documents," <u>Lecture Notes in Computer Science</u> , vol. 1134, Wagner et al., eds., from 7th Int. Conf., DEXA 96, held 9/96 in Zurich, Switzerland (1996)			
	EL	SHahraray et al. "Automated Authoring of Hypermedia Documents of Video Programs," <i>ACM Multimedia 95</i> , November 5-9, 1995, San Francisco, CA (1995).			
	EM	SHahraray et al. "Automatic generation of pictorial transcripts of video programs," Proceedings of the SPIE- Int. Soc. Opt. Eng. 2417:512-518 (1995).			
	EN	SHahraray et al. "Pictorial transcripts: multimedia processing applied to digital library creation," 1997 IEEE First Workshop on Multimedia Signal Processing pp. 581-586 (1997).			
	EO	SMITH et al. "Video Skimming and Characterization through the Combination of Image and Language Understanding," Computer Vision and Pattern Recognition IEEE 1997.			
	EP	SONMEZ et al. "Multiple speaker tracking and detection: handset normalization and duration scoring," Digital Signal Processing 10:133-143 (2000).			
	EQ	SUDA et al. "Logo and word matching using a general approach to signal registration," Fourth International Conference on Document Analysis and Recognition, Ulm, Germany, August 18-20, 1997, pp. 61-65.			
	ER	SUMITA et al. "Document Structure Extraction for Interactive Document Retrieval Systems," <u>Proceedings of SIGDOC 93</u> , pages 301-310, (1993).			
	ES	TAGHVA et al. "An Evolution of an Automatic Markup System," <i>SPIE</i> , 2422:317-327 (1995).			
	ET	TAXT "Segmentation of Document Images," IEEE 11:1322-1329 (1989).			
	EU	TENNENHOUSE et al. "A software-oriented approach to the design of media processing environments," Proceedings of the IEEE International Conference on Multimedia Computing and Systems, pp. 435-444 (1994).			
	EV	TONOMURA et al. "VideoMAP and VideoSpaceIcon : tools for anatomizing video content," Proc. INTERCHI '93 ACM pp 131-136 (1993).			
	EW	UCHIHASHI et al. "Summarizing Video Using a Shot Importance Measure and a Frame-Packing Algorithm," Proceedings of the International Conference on Acoustics, Speech, and Signal Processing (Phoenix, AZ) 6:3041-3044 (1999).			
	EX	UCHIHASHI et al. "Video Manga: Generating Semantically Meaningful Video Summaries," <i>ACM Multimedia 99</i> , Orlando, Florida, October 30-November 5, 1999.			
↓	EY	Video content management and publishing software from Virage http://www.virage.com (2002).			

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HV	EZ	"Video Mail Retrieval Using Voice" Cambridge University Engineering Department Computer Laboratory and Olivetti Research Laboratory summary of research found at http://svr-www.eng.cam.ac.uk/research/projects/vmr/ (1997).		
	FA	WACTLAR et al. "Complementary Video and Audio Analysis for Broadcast News Archives," Communications of the ACM, 43:42-47 (2000).		
	FB	WACTLAR et al. "Intelligent access to digital video: Informededia project," Computer 29:46-52 (1996).		
	FC	WEISS et al. "Composition and Search with a Video Algebra," IEEE Multimedia 2:12-25 (1995).		
	FD	WITTENBURG et al. "Browsing with Dynamic Key Frame Collages in Web-Based Entertainment Video Services," In Proceedings of IEEE International Conference on Multimedia Computing and Systems, June 7-11, 1999, Florence, Italy 2:913-918 (1999).		
V	FE	ZHANG et al. "Detection of text Captions in Compressed domain Video," International Multimedia Conference Proceedings of the 2000 ACM workshops on Multimedia 2000 , Los Angeles, California, United States pp. 201 - 204.		

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